Citation Report

List of articles citing

Controlled radical polymerization: Prospects for application for industrial synthesis of polymers (Review)

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#	Paper	IF	Citations
39	Living Radical Polymerization by the RAFT Process A Third Update. *Australian Journal of Chemistry* , **2012**, 65, 985	1.2	798
38	A Theoretical Exploration of the Potential of ICAR ATRP for One- and Two-Pot Synthesis of Well-Defined Diblock Copolymers. *Macromolecular Reaction Engineering*, **2013**, 7, 311-326	1.5	38
37	Computer-Aided Optimization of Conditions for Fast and Controlled ICAR ATRP of n-Butyl Acrylate. *Macromolecular Theory and Simulations*, **2013**, 22, 136-149	1.5	37
36	Carborane complexes of ruthenium with long-chain diphosphine ligands as effective catalysts of controlled radical polymerization. *Polymer Science - Series B*, **2014**, 56, 1-10	0.8	9
35	Synthesis of block copolymers from polyvinyl chloride prepared in the presence of nitroxyl radicals of the imidazoline series. *Russian Journal of Applied Chemistry*, **2014**, 87, 324-330	0.8	1
34	RAFT Polymerization Then and Now. *ACS Symposium Series*, **2015**, 211-246	0.4	35
33	Synthesis of vinyl chloride homo- and copolymers under the conditions of controlled radical polymerization. *Russian Journal of Applied Chemistry*, **2015**, 88, 361-376	0.8	3
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31	Synthesis of a complex additive based on stearyl methacrylate and vinyl acetate for environmentally clean diesel fuel. *Russian Journal of Applied Chemistry*, **2016**, 89, 1119-1125	0.8	3
30	From regulation of elementary stages of radical processes to controlled synthesis of macromolecules. *Russian Journal of Organic Chemistry*, **2016**, 52, 1541-1557	0.7	3
29	Mechanistic studies of methyl methacrylate polymerization in the presence of cobalt complex with sterically-hindered redox-active ligand. *Journal of Polymer Research*, **2016**, 23, 1	2.7	6
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23	The influence of the activating agent on the controlled synthesis of polyacrylonitrile using systems based on copper(I) bromide and tris(2-pyridylmethyl)amine. *Polymer Science - Series B*, **2017**, 59, 230-239	0.8	6

22	Surfactant-Free RAFT Emulsion Polymerization of Styrene Using Thermoresponsive macroRAFT Agents: Towards Smart Well-Defined Block Copolymers with High Molecular Weights. *Polymers*, **2017**, 9,	4.5	13
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20	Polymerization of Butyl Methacrylate Catalyzed by Salicylaldehyde-Imine Zirconium /Al(i-Bu)3 System. *Journal Wuhan University of Technology, Materials Science Edition*, **2018**, 33, 492-499	1	
19	The Influence of Activating Agents on the Controlled Synthesis of Poly(methyl methacrylate) in the Presence of Ruthenacarboranes. *Polymer Science - Series B*, **2018**, 60, 427-435	0.8	4
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17	Modeling of Miniemulsion Polymerization of Styrene with Macro-RAFT Agents to Theoretically Compare Slow Fragmentation, Ideal Exchange and Cross-Termination Cases. *Polymers*, **2019**, 11,	4.5	9
16	Visible-light-mediated, additive-free, and open-to-air controlled radical polymerization of acrylates and acrylamides. *Polymer Chemistry*, **2019**, 10, 1585-1590	4.9	27
15	Copolymerization of simple methacrylates by Cu(0)-mediated reversible deactivation radical polymerization. *Polymer Journal*, **2019**, 51, 449-459	2.7	2
14	Mechanisms of Polymer Polymerization. *Springer Series on Polymer and Composite Materials*, **2019**, 7-58	0.9	3
13	Synthesis of Stearyl Methacrylate–Glycidyl Methacrylate Copolymers and Their Use as Multifunctional Additives to Diesel Fuel. *Russian Journal of Applied Chemistry*, **2020**, 93, 1332-1339	0.8	3
12	Novel ruthenium(ii) and (iii) carborane complexes with diphosphine ligands and their application in radical polymerization. *Russian Chemical Bulletin*, **2020**, 69, 1520-1529	1.7	4
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5	Nitroxide-Mediated Polymerization. *Springer Series in Materials Science*, **2020**, 161-186	0.9	1

4	Synthesis of well-defined molecularly imprinted bulk polymers for the removal of azo dyes from water resources. *Current Research in Green and Sustainable Chemistry*, **2021**, 4, 100196	4.1	0
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